

Table 43. Maximum stage and discharge for period of record for streamflow-gaging stations having significant floods during 1970–89 in South Dakota

[mi², square miles; ft, feet above an arbitrary datum; ft³/s, cubic feet per second; --, not determined or not applicable; >, greater than; <, less than.
Source: Recurrence intervals calculated from U.S. Geological Survey data. Other data from U.S. Geological Survey reports or data bases]

Station number (fig. 64)	Station name	Total drainage area (mi ²)	Maximum stage and discharge for period of record through 1994				Significant floods during 1970–89				
			Period of record	Water year	Stage (ft)	Dis- charge (ft ³ /s)	Date (month/ day/year)	Stage (ft)	Dis- charge (ft ³ /s)	Regu- lated during flood ¹	Recur- rence interval (years)
05050000	Bois De Sioux River near White Rock, SD	1,160	1942–94	1969	15.07	3,770	5/07/86	12.12	1,820	Y	10–25
05289950	Little Minnesota River tributary at Sisseton, SD	4.21	1970–79	1979	10.90	393	6/20/79	10.90	393	N	10–25
05290300	North Fork Whetstone River tributary near Wilmot, SD	0.96	1970–79	1979 1973	4.55 7.71	53	6/20/79	4.55	53	N	10–25
05292600	North Fork Yellow Bank River tributary near Stockholm, SD	8.15	1970–79	1971	10.44	510	6/29/71	10.44	510	N	10–25
06334500	Little Missouri River at Camp Crook, SD	1,970	1956–94	1978	16.90	9,420	5/07/75 3/24/78	15.98 16.90	8,460 9,420	Y Y	10–25 25–50
06354845	Spring Creek tributary near Greenway, SD	0.99	1970–79	1971	7.86	188	6/17/71	7.86	188	N	5–10
06354860	Spring Creek near Herreid, SD	440	1963–86, 1989–94	1987	13.38	4,540	3/22/87	13.38	4,540	N	25–50
06354882	Oak Creek near Wakpala, SD	356	1985–94	1986 1987	17.73 18.35	3,780 --	3/04/86	17.73	3,780	N	10–25
06355400	North Fork Grand River tributary near Lodgepole, SD	3.07	1970–79	1979	11.05	847	8/27/79	11.05	847	N	25–50
06355500	North Fork Grand River near White Butte, SD	1,190	1967–94	1950	20.00	30,900	3/28/78	11.63	6,710	Y	25–50
06356150	North Jack Creek near Ludlow, SD	1.69	1970–79	1978	6.68	145	6/25/78	6.68	145	N	50–100
06356600	South Fork Grand River tributary near Bison, SD	1.00	1970–79	1978	7.76	183	6/29/78	7.76	183	N	10–25
06357500	Grand River at Shadehill, SD	3,120	1951–88 1991–92	1950 1978	-- 8.63	58,000 --	4/01/78	8.63	4,190	Y	25–50
06357800	Grand River at Little Eagle, SD	5,370	1959–94	1987 1972	19.16 21.01	31,000 --	3/23/78 3/23/87	18.41 19.16	19,000 31,000	Y Y	10–25 100–500
06358540	Blue Blanket Creek tributary near Glenham, SD	0.62	1970–79	1978	4.26	21	6/26/78	4.26	21	N	25–50
06358550	Battle Creek tributary near Castle Rock, SD	1.57	1969–79	1975	13.70	580	5/09/75	13.70	580	N	10–25
06359300	Deep Creek tributary near Maurine, SD	1.26	1970–79	1971 1978	8.13 9.05	188 --	5/30/71	8.13	188	N	25–50
06359700	Thunder Butte Creek tributary near Meadow, SD	3.00	1970–79	1970	8.00	145	5/07/70	8.00	145	N	10–25
06359850	Elm Creek tributary near Dupree, SD	5.00	1970–79	1975 1978	6.89 7.56	494 --	4/28/75	6.89	494	N	10–25
06360350	Little Moreau River tributary near Firesteel, SD	2.75	1970–79	1978 1975	4.89 5.45	78 --	4/--/78	4.89	78	N	5–10
06360500	Moreau River near Whitehorse, SD	4,880	1955–94	1982	26.00	27,700	3/24/78 5/24/82	25.31 26.00	25,600 27,700	N N	10–25 25–50
06361020	Swan Lake tributary near Bowdle, SD	27.1	1970–79	1978	5.12	91	5/12/78	5.12	91	N	10–25
06395000	Cheyenne River at Edgemont, SD	7,143	1905, 1915–20, 1929–32, 1943–94	1978 1922	13.65 14.00	28,000 --	5/25/71 5/20/78	10.57 13.65	13,800 28,000	Y Y	5–10 25–50

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Station number (fig. 64)	Station name	Total drainage area (mi ²)	Maximum stage and discharge for period of record through 1994				Significant floods during 1970–89				
			Period of record	Water year	Stage (ft)	Dis- charge (ft ³ /s)	Date (month/ day/year)	Stage (ft)	Dis- charge (ft ³ /s)	Regu- lated during flood ¹	Recur- rence interval (years)
06396200	Fiddle Creek near Edgemont, SD	0.64	1956–80	1980	7.89	275	6/15/80	7.89	275	N	50–100
06396350	Red Canyon Creek tributary near Pringle, SD	0.20	1970–79	1971 1974	4.01 4.02	30 --	5/03/71	4.01	30	N	10–25
06401500	Cheyenne River below Angostura Dam, SD	9,100	1950–94	1978	15.97	30,300	5/20/78	15.97	30,300	Y	--
06402100	Fall River tributary at Hot Springs, SD	3.81	1970–79	1977	4.60	53	7/04/77	4.60	53	N	5–10
06402600	Cheyenne River near Buffalo Gap, SD	9,810	1969–80	1978	13.15	25,000	5/21/78	13.15	25,000	Y	--
06403300	French Creek above Fairburn, SD	105	1982–94	1987	2.73	329	3/07/87	2.73	329	Y	10–25
06403800	Battle Creek tributary near Keystone, SD	0.63	1956–80	1972	18.80	1,330	6/09/72	18.80	1,330	N	>500
06404000	Battle Creek near Keystone, SD	66.0	1946–47, 1962–94	1972	14.50	26,200	6/09/72 6/15/76	14.50 6.55	26,200 1,260	N N	100–500 5–10
06404998	Grace Coolidge Creek near Game Lodge near Custer, SD	25.2	1946–47, 1967–94	1989	10.84	1,030	9/07/89	10.84	1,030	N	10–25
06406000	Battle Creek at Hermosa, SD	178	1950–94	1972	17.72	21,400	6/10/72	17.72	21,400	N	100–500
06406100	Battle Creek tributary near Hermosa, SD	3.49	1970–79	1972	4.44	100	6/10/72	4.44	100	N	25–50
06406800	Newton Fork near Hill City, SD	8.17	1969–79	1977	4.27	58	7/27/77	4.27	58	N	5–10
06406900	Palmer Creek near Hill City, SD	13.3	1956–80	1972	17.06	4,370	6/09/72	17.06	4,370	N	100–500
06408850	Silver Creek near Rochford, SD	6.23	1969–79	1978	4.24	14	5/18/78	4.24	14	N	5–10
06408900	Heeley Creek near Hill City, SD	4.88	1969–79	1975	5.88	20	4/08/75	5.88	20	N	10–25
06412500	Rapid Creek above Canyon Lake near Rapid City, SD	371	1957–94	1972	17.77	31,200	6/09/72	17.77	31,200	Y	>500
06414000	Rapid Creek at Rapid City, SD	410	1957–94	1972	19.66	50,000	6/09/72	19.66	50,000	Y	>500
06418900	Rapid Creek below sewage treatment plant near Rapid City, SD	452	1982–94	1982	9.12	1,680	7/25/82	9.12	1,680	Y	--
06421500	Rapid Creek near Farmingdale, SD	602	1957–58, 1960–94	1972	11.85	7,320	6/10/72	11.85	7,320	Y	100–500
06421750	Rapid Creek tributary near Farmingdale, SD	1.50	1970–79	1970 1975	3.87 5.99	35 --	4/25/70	3.87	35	N	10–25
06422500	Boxelder Creek near Nemo, SD	96.0	1946–47, 1966–94	1972	20.40	30,100	6/09/72 6/15/76	20.40 6.19	30,100 1,460	N N	100–500 10–25
06425100	Elk Creek near Rapid City, SD	190	1979–94	1982 1986	10.79 11.80	1,560 --	5/20/82	10.79	1,560	Y	5–10
06430500	Redwater Creek at WY-SD State line	471	1929–31, 1936–37, 1955–94	1973	12.19	2,440	8/22/73	12.19	2,440	Y	25–50
06431500	Spearfish Creek at Spearfish, SD	168	1947–94	1965 1976	10.53 10.54	4,240 --	6/15/76	10.54	3,870	Y	50–100
06433500	Hay Creek at Belle Fourche, SD	121	1954–94	1972	9.15	930	6/19/72 5/20/82	9.15 8.93	930 926	Y Y	50–100 50–100

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			Period of record	Water year	Stage (ft)	Dis- charge (ft ³ /s)	Date (month/ day/year)	Stage (ft)	Dis- charge (ft ³ /s)	Regu- lated during flood ¹	Recur- rence interval (years)
06434800	Owl Creek tributary near Belle Fourche, SD	3.06	1970–79	1976	4.73	267	6/15/76	4.73	267	N	25–50
06436000	Belle Fourche River near Fruitdale, SD	4,540	1952–94	1982	14.32	12,700	6/15/76 5/20/82	13.18 14.32	12,200 12,700	Y Y	10–25 10–25
06436170	Whitewood Creek at Deadwood, SD	40.6	1982–94	1982	7.54	2,660	5/15/82	7.54	2,660	N	10–25
06436190	Whitewood Creek near Whitewood, SD	77.4	1982–94	1982	4.52	3,050	5/20/82	4.52	3,050	Y	10–25
06436198	Whitewood Creek above Vale, SD	102	1983–94	1986 1993	4.32 5.06	3,680 --	9/24/86	4.32	3,680	Y	10–25
06436700	Indian Creek near Arpan, SD	315	1962–81	1976	18.00	16,700	6/15/76	18.00	16,700	N	50–100
06436760	Horse Creek above Vale, SD	464	1981–94	1982	24.80	17,700	5/21/82	24.80	17,700	Y	--
06436800	Horse Creek near Vale, SD	530	1962–80	1976	14.61	11,600	6/16/76	14.61	11,600	Y	50–100
06437000	Belle Fourche River near Sturgis, SD	5,870	1946–94	1982	19.10	36,400	6/15/76 5/21/82	16.04 19.10	19,100 36,400	Y Y	25–50 100–500
06437100	Boulder Creek near Deadwood, SD	1.32	1956–80	1976	11.45	323	6/14/76	11.45	323	N	10–25
06438000	Belle Fourche River near Elm Springs, SD	7,210	1952–94	1964 1927	15.90 21.80	45,100 --	5/21/82	18.22	40,300	Y	25–50
06439000	Cherry Creek near Plainview, SD	1,190	1946–94	1952	22.63	17,500	3/22/78	19.60	9,210	N	10–25
06439300	Cheyenne River at Cherry Creek, SD	23,900	1961–94	1982	15.77	55,900	5/22/82	15.77	55,900	Y	25–50
06439400	Plum Creek tributary near Milesville, SD	0.50	1970–79	1974	12.13	265	5/19/74	12.13	265	N	25–50
06439430	Cottonwood Creek near Cherry Creek, SD	120	1983–94	1987	12.58	3,640	3/30/87	12.58	3,640	N	10–25
06441200	Powell Creek tributary near Fort Pierre, SD	0.40	1970–79	1970	8.07	211	8/10/70	8.07	211	N	10–25
06441530	Hilgers Gulch tributary near Pierre, SD	1.33	1968–79	1971	7.41	244	6/09/71	7.41	244	N	5–10
06442500	Medicine Creek at Kennebec, SD	464	1955–94	1991	19.11	16,100	5/09/86	17.26	11,400	N	10–25
06442950	Crow Creek near Gann Valley, SD	670	1972–84	1978	14.60	3,900	3/22/78	14.60	3,900	N	25–50
06446000	White River near Oglala, SD	2,200	1944–94	1947 1967	23.50 23.61	5,200 --	6/10/86	20.78	2,860	N	10–25
06446550	White River tributary near Interior, SD	0.32	1956–80	1980	8.83	575	7/12/80	8.83	575	N	10–25
06447000	White River near Kadoka, SD	5,000	1942–94	1942 1982	-- 16.18	32,000 --	5/20/82	16.18	21,300	N	10–25
06449000	Lake Creek below refuge near Tuthill, SD	120	1938–40, 1963–94	1987 1988	5.57 6.46	594 --	4/07/86 3/25/87	4.86 5.57	234 594	Y Y	10–25 100–500
06449400	Rosebud Creek at Rosebud, SD	60.0	1975–76, 1978–94	1976	10.34	643	7/27/76	10.34	643	Y	10–25
06449700	Little Oak Creek near Mission, SD	2.58	1956–80	1977	11.87	970	5/09/77	11.87	970	N	25–50
06451750	Cottonwood Creek tributary near Winner, SD	4.00	1971–80	1977	4.93	184	5/06/77	4.93	184	N	5–10
06452000	White River near Oacoma, SD	10,200	1929–94	1952 1994	-- 24.70	51,900 --	5/09/86	14.64	34,600	N	25–50

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06452250	Fivemile Creek tributary near Iona, SD	2.35	1970–79	1972 1973	3.43 3.60	70 --	5/11/72	3.43	70	N	5–10
06453150	Choteau Creek tributary near Tripp, SD	0.54	1970–79	1972	7.14	177	5/22/72	7.14	177	N	10–25
06453250	Choteau Creek near Wagner, SD	15.6	1970–79	1978	6.23	174	5/28/78	6.23	174	N	10–25
06453255	Choteau Creek near Avon, SD	602	1983–94	1984	13.93	7,280	6/12/84	13.93	7,280	N	10–25
06464100	Keya Paha River near Keyapaha, SD	466	1982–94	1983 1982	7.95 9.45	820 --	5/03/83	7.95	820	N	5–10
06473350	South Fork Snake Creek tributary near Seneca, SD	4.54	1971–80	1972 1978	7.39 9.90	50 --	3/17/72	7.39	50	N	10–25
06475550	Dry Run tributary near Frankfort, SD	4.19	1967–79	1978	8.79	138	5/28/78	8.79	138	N	10–25
06477140	Rock Creek tributary near Roswell, SD	5.67	1970–79	1977	7.15	180	3/12/77	7.15	180	N	10–25
06478050	Enemy Creek tributary near Mount Vernon, SD	3.38	1969–79	1972	5.88	115	5/27/72	5.88	115	N	10–25
06478052	Enemy Creek near Mitchell, SD	163	1976–87, 1989–94	1984	15.15	4,280	6/22/84	15.15	4,280	N	10–25
06478200	Coffee Creek tributary near Parkston, SD	0.81	1968–79	1978	4.92	81	6/25/78	4.92	81	N	10–25
06478390	Wolf Creek near Clayton, SD	396	1976–94	1984	18.01	6,520	6/21/84	18.01	6,520	N	10–25
06478400	Lonetree Creek tributary near Kaylor, SD	3.65	1970–79	1975 1979	4.89 5.34	104 --	8/22/75	4.89	104	N	25–50
06478500	James River near Scotland, SD	20,653	1929–94	1984	20.45	29,400	6/23/84	20.45	29,400	N	100–500
06478513	James River near Yankton, SD	20,942	1982–94	1984	24.34	26,400	6/23/84	24.34	26,400	N	--
06478630	West Fork Vermillion River near De Smet, SD	5.34	1970–79	1978	6.08	50	3/--/78	6.08	50	N	10–25
06478690	West Fork Vermillion River near Parker, SD	377	1962–94	1993	13.14	6,300	6/16/84	12.57	4,800	N	10–25
06478820	Saddlerock Creek tributary near Beresford, SD	2.22	1956–80	1978	5.05	120	7/22/78	5.05	120	N	10–25
06478950	Ash Creek near Beresford, SD	5.00	1969–79	1971	10.45	1,050	6/06/71	10.45	1,050	N	10–25
06479000	Vermillion River near Wakonda, SD	2,170	1958–94	1984	17.62	17,000	6/23/84	17.62	17,000	Y	25–50
06479010	Vermillion River near Vermillion, SD	2,302	1984–94	1984	31.77	21,400	6/23/84	31.77	21,400	Y	--
06479215	Big Sioux River near Florence, SD	638	1984–94	1986 1993	9.08 9.18	1,810 --	3/29/86	9.08	1,810	N	10–25
06479350	Soo Creek tributary near South Shore, SD	1.56	1970–79	1978	8.82	280	7/06/78	8.82	280	N	10–25
06479438	Big Sioux River near Watertown, SD	1,007	1973–94	1986 1991	11.08 11.13	4,970 --	3/30/86	11.08	4,970	N	10–25
06479515	Willow Creek near Watertown, SD	110	1972–86	1984 1972	7.50 9.86	4,040 --	6/15/84	7.50	4,040	N	10–25
06479525	Big Sioux River near Castlewood, SD	1,997	1977–94	1986	11.73	2,250	3/30/86	11.73	2,250	Y	10–25

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06479550	Dolph Creek tributary near Lake Norden, SD	5.91	1970–79	1972 1973	4.46 4.90	64	7/21/72	4.46	64	N	25–50
06479800	North Deer Creek near Estelline, SD	48.3	1956–80	1970	8.79	5,000	6/16/70	8.79	5,000	N	25–50
06479810	North Deer Creek tributary near Brookings, SD	0.33	1969–79	1977	9.70	170	6/15/77	9.70	170	N	10–25
06479910	Sixmile Creek near Brookings, SD	54.0	1971–80	1978 1980	9.45 9.84	936 --	3/28/78	9.45	936	N	10–25
06480000	Big Sioux River near Brookings, SD	3,898	1954–94	1969	14.77	33,900	6/22/84	13.70	13,700	N	10–25
06480650	Flandreau Creek above Flandreau, SD	100	1982–94	1984 1993	11.02 11.28	2,650 --	6/20/84	11.02	2,650	N	10–25
06481500	Skunk Creek at Sioux Falls, SD	622	1949–94	1957 1984	-- 15.54	29,400 --	6/21/84	15.54	11,000	N	10–25
06482600	West Pipestone Creek tributary near Garretson, SD	2.16	1969–79	1970	12.52	792	5/28/70	12.52	792	N	10–25
06482870	Little Beaver Creek tributary near Canton, SD	0.31	1956–73	1971	5.54	104	7/10/71	5.54	104	N	50–100
06485696	Brule Creek near Elk Point, SD	204	1983–94	1983	22.39	6,290	6/28/83	22.39	6,290	N	25–50

¹Regulated during flood: N, no; Y, yes.